



Simultaneous two-dimensional direct manipulation window scrolling

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Simultaneous Two-Dimensional Direct Manipulation Window Scrolling

Disclosed is a technique to allow users to scroll through windows vertically, horizontally, or diagonally using direct manipulation of the window to overcome problems experienced in using vertical and horizontal scroll bars.

Using a mouse input device, the user points, clicks and holds the mouse pointer on any non-selectable portion of the window and moves the mouse pointer in the desired direction. To scroll downward, the user points toward the top of the window, clicks and drags the mouse pointer toward the bottom of the window. The resulting action is a scroll towards the bottom of the window. To scroll to the right, the user places the pointer at the left of the window and moves it toward the right. To scroll diagonally (both directions simultaneously), the user points at any corner of the window and moves the mouse toward the opposite corner. The window scrolls diagonally as a result.

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